

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant :	Hirai, Mitsuharu
App. No :	10/553,576
Filed :	October 17, 2005
For :	METHOD OF DETECTING OR QUANTITATIVELY DETERMINING MITOCHONDRIAL DNA 3243 VARIATION, AND KIT THEREFOR
Examiner :	Staples, Mark
Art Unit :	1637
Conf # :	4658

**AMENDMENT**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action sent October 25, 2007, Applicants respectfully request the Examiner to enter the following amendments and consider the following arguments.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.